



SEWAGE COMPLIANCE INSPECTION REPORT

NPDES / WQM Permit No. PA0027197	Mo/Day/Year 02/26/2021	Entry Time	Exit Time	Inspection Type ADMIN	eFACTS Inspection ID
Facility Name: Harrisburg AWTF		Permittee Name: Capital Region Water			
Physical Location/Directions: 1662 South Cameron Street, Harrisburg (access via Elliot Street)					Permit Expiration Date: December 31, 2014
Municipality: Harrisburg City	County: Dauphin		Permit Renewal Application Due: Renewal application rec.'d		
Facility Type: <input checked="" type="checkbox"/> Municipal <input checked="" type="checkbox"/> Major <input type="checkbox"/> Non-Municipal <input type="checkbox"/> Minor		Treatment Process: <input checked="" type="checkbox"/> Ext Aeration <input type="checkbox"/> Contact Stabilization <input type="checkbox"/> SBR <input type="checkbox"/> RBC <input type="checkbox"/> MBR <input type="checkbox"/> MBBR/IFAS <input type="checkbox"/> Trickling Filter <input type="checkbox"/> Lagoon <input type="checkbox"/> Other:			
Design Flow: 37.7 MGD					
Responsible Official: Charlotte Katzenmoyer		Does the facility have an Operator in Responsible Charge: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Title: CEO		Operator Name: Jess Rosentel			
Permittee Capital Region Water		Circuit Rider: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Address: 3003 Front Street Harrisburg, PA 17110		Client ID: 243973 License Expiration Date: 9/30/2021			
		Class-Subclass(es): A,E-1,2,3,4			
		Operator properly certified for treatment process type: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Business Phone:		Business Phone: 717-939-7270x205			
Cell Phone:		Cell Phone: 717-736-9742			
Email:		Email: jess.rosentel@capitalregionwater.com			
24-Hour Emergency Contact Person / Phone / Email: Jess: 717-736-9742; Ken: 717-525-2780 (Collection System)					
VIOLATIONS:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> None Identified During Inspection <input type="checkbox"/> Pending Sample Results				
<p>During implementation of "blending" procedures of several occasions between September and December 2020, flows receiving secondary treatment were not maximized to 45 MGD. This is a violation of Part C.V.G of your NPDES permit.</p> <p>Please respond to Notice of Violation.</p>					
Recommendations:					
Copy of report emailed to Ms. Katzenmoyer, Mr. Rosentel and Mr. Hoke with NOV.					
Person Interviewed: Ray Hoke	Date: 2/26/21	Inspector: Heather Dock		Date: 2/26/21	
Signature:	Phone No.: 717-919-2634	Inspector Signature: <i>Heather Dock</i>		Phone No.: 717-439-5080	
Title: Operations Supervisor		Title: Water Quality Specialist			
Email: raymond.hoke@capitalregionalwater.com		Email: hdock@pa.gov			
This document is official notification that a representative of the Department of Environmental Protection inspected the above facility. The findings of this inspection are shown above and on any attached pages. * Any violations which were noted during the inspection are indicated. Violations may also be discovered upon examination of the results of laboratory analyses of the discharge and/or review of Department records.					

**SEWAGE COMPLIANCE INSPECTION REPORT****Comments**

On February 26, 2021, Ray Hoke (CRW Operations Supervisor) reported to the Department that on several occasions during the second half of 2020 that an adjustment had been made that prevented 45 MGD of flow to receive secondary treatment during blending events.

During wet weather, due to the combined sewer system, Harrisburg AWTF implements wet weather Standard Operating Procedure (SOPs) to maximize full treatment to the extent practical for the hydraulic capacity of the sewage treatment plant. The remaining influent receives partial treatment including screening, grit removal, primary clarification and chlorine disinfection. The partially treated effluent combines with the fully treated effluent prior to discharge to the Susquehanna River via outfall 001. "Blending" procedures are allowed under conditions when the instantaneous flow at the plant has reached 45 MGD based on the current permit conditions.

In the situations provided by Mr. Hoke, the "blending" procedures were properly implemented when instantaneous flows were > 45 MGD (50 as per current plant capabilities), however, an adjustment was made to the pumps at the Settled Sewage Pump Station that allowed less than 45 MGD of flow to be pumped to the pure oxygen tanks for secondary and ultimately full treatment. As a result, the hydraulic capabilities for secondary treatment were not maximized. Mr. Hoke said the pump station was found to be set to pump about 36 MGD of flow to secondary treatment.

These "blending" events occurred on: 9/3, 10/29, 10/30, 11/11, 11/30/20. These events were all qualifying wet weather events for "blending" and "blending" was reported to the Department as required. During each event, about .5-2.8 MGD of additional flow had passed through just the "blending" process that was capable of receiving full treatment. Effluent composite samples were collected as required and captured the "blended" effluent. No effluent violations were reported as a result of these events.

Mr. Hoke said the issue was found on 11/30/20 and the high flow set point was returned to 50 MGD. Mr. Hoke said access to the set point would be restricted to prevent further issues. In your Notice of Violation response, please also address the delay in reporting these events to the Department.